

ABSTRACT

A self-retaining O-ring having at least two radial struts connectively extending from inside surfaces to a central sphere-shaped retainer. The top surfaces of the radial struts are formed below the top surfaces of the O-ring. The central sphere-shaped retainer is connectively formed to the radial struts and extending below the bottom surfaces of the struts. A circular recess is provided for containing and supporting the O-ring, its inside surface is dovetailed. The circular recess has a spherical hole disposed on its center for insertion of the sphere-shaped retainer.